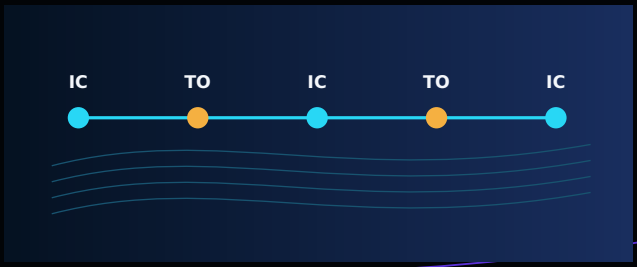
Kineologist



GAIT PHASE LOCKING

IC and TO anchors for walking compari

GAIT can use the same phase-warping concept as PITCH, but with walking-event anchors. Instead of normalizing only from clip start to clip end, the baseline can align around initial contact and toe-off events across the walking cycle.

Sales conversation points

01 IC / TO anchors

Initial contact and toe off become the event anchors for comparison.

02 Dual-pass event truth

Foot traces and speed find candidates; muscle proxies refine IC/TO timing.

03 Contact telemetry

Contact state, contact pulse and cycle telemetry stay tied to backend event truth.

04 Original view

Preserves native step timing and cadence differences.

05 Phase-locked view

Aligns equivalent parts of the walking cycle.

06 Artifact driven

TrackView, reports and CSVs read from the same backend event stream.

SAFE POSITIONING

GAIT reports movement-pattern evidence from generated artifacts. Muscle channels are motion-derived proxies, not EMG.